Recombinant Human TGFB1I1 Protein (Phe252-Arg390), His tagged

Cat. No. TGFB1I1-6432H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human TGFB1I1 (Phe252-Arg390) fused with His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Phe252-Arg390
Description	Functions as a molecular adapter coordinating multiple protein-protein interactions at the focal adhesion complex and in the nucleus. Links various intracellular signaling modules to plasma membrane receptors and regulates the Wnt and TGFB signaling pathways. May also regulate SLC6A3 and SLC6A4 targeting to the plasma membrane hence regulating their activity. In the nucleus, functions as a nuclear receptor coactivator regulating glucocorticoid, androgen, mineralocorticoid and progesterone receptor transcriptional activity. May play a role in the processes of cell growth, proliferation, migration, differentiation and senescence. May have a zinc-dependent DNA-binding activity.
Form	Lyophilized powder/frozen liquid
Molecular Mass	17.58 kDa
Purity	> 90 % as determined by SDS-PAGE

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Notes	For research use only.
Storage	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8 centigrade for one week. Store at -20 to -80 centigrade for twelve months from the date of receipt.
Storage Buffer	Supplied as solution form in PBS, pH 7.5 or lyophilized from PBS, pH 7.5.
Reconstitution	Reconstitute in sterile water for a stock solution.
Shipping	They are shipped out with dry ice/blue ice unless customers require otherwise.

GENE INFORMATION

Gene Name	TGFB1I1 transforming growth factor beta 1 induced transcript 1 [Homo sapiens (human)]
Official Symbol	TGFB1I1
Synonyms	TGFB1I1; transforming growth factor beta 1 induced transcript 1; transforming growth factor beta-1-induced transcript 1 protein; ARA55; Hic 5; HIC 5; TSC 5; androgen receptor coactivator ARA55; hydrogen peroxide-inducible clone 5 protein; androgen receptor coactivator 55 kDa protein; androgen receptor-associated protein of 55 kDa; HIC5; HIC-5; TSC-5;
Gene ID	7041
mRNA Refseq	NM_001042454
Protein Refseq	NP_001035919

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MIM	602353
UniProt ID	O43294

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